



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Koji MORIYA et al.

Serial No. 10/628,239

Filed: July 29, 2003

For: METHOD OF MANUFACTURING CARBON NANOTUBE
SEMICONDUCTOR DEVICE

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Examiner: Anh Dung Le
Group Art Unit: 2818

INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

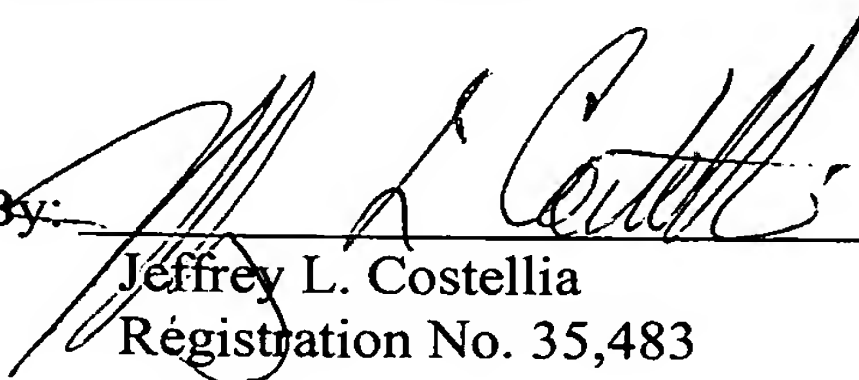
Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

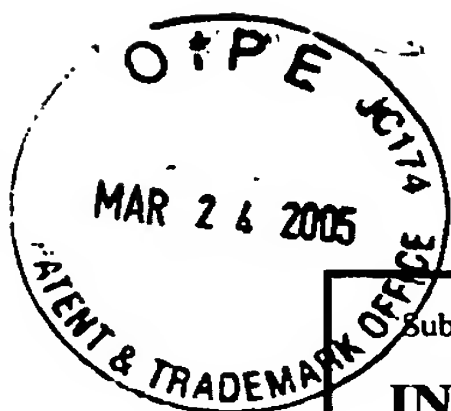
The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By: 
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	
				10/628,239	
				Filing Date	
				July 29, 2003	
				First Named Inventor	
Koji MORIYA et al.					
Art Unit					
2818					
Examiner Name					
Dung Anh Le					
Attorney Docket Number					
740756-2638					

Sheet	1	of	1
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U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
		US-				
		US-				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴	Kind Code ² (if known)				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		R. MARTEL et al.; "Single and Multi-Well Carbon Nanotube Field-Effect Transistors"; Appl. Phys. Lett., 10/26/1998, Vol. 73, No. 17; pp. 2447-2449.	
		K. LIU et al.; "Conductance Spikes in Single-Walled Carbon Nanotube Field-Effect"; Appl. Phys. Lett., 10/18/1999; Vol. 75, No. 16; pp. 2494-2496.	
		T. YAMADA; "Analysis of Submicron Carbon Nanotube Field-Effect Transistors"; Appl. Phys. Lett., 01/31/2000; Vol. 76, No. 5; pp. 628-630.	
		A. BACHTOLD et al.; "Contacting Carbon Nanotubes Selectively with Low-Ohmic Contacts for Four-Probe Electric Measurements"; Appl. Phys. Lett., 07/13/1998; Vol. 73, No. 2, pp. 274-276.	
		S. FRANK et al.; "Carbon Nanotube Quantum Resistors"; Science, 06/12/1998; Vol. 280, pp. 1744-1746.	
		M. BOCKRATH et al.; "Single-Electron Transport in Ropes of Carbon Nanotubes"; Science, 03/28/1997, Vol. 275, pp. 1922-1925.	
		"Carbon Nanotube – Progressing Material Development Technique and Development of Application – (with a partial translation)"; 04/26/2002; pp. 157-158.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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